

*a<sup>2</sup> cont.* concentration of assimilable phosphorus in the fermentation broth is less than 0.15% w/v. --

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**In the Claims:**

Cancel Claims 1-14.

Add Claims 15-34 as follows:

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*a'* -- <sup>16</sup>~~15~~. A process for production of clavulanic acid comprising fermentation of a clavulanic acid-producing species of Streptomyces in a fermentation broth containing sources of assimilable carbon, nitrogen, and phosphorus, wherein the starting concentration of assimilable nitrogen in the fermentation broth is greater than 5%, and wherein the concentration of assimilable phosphorus in the fermentation broth is less than 0.15% w/v during a growth phase of the fermentation and is allowed to decrease after cessation of the growth phase.

*Rule 126* <sup>16</sup>~~16~~. A process as claimed in Claim <sup>16</sup>~~15~~, wherein the concentration of assimilable phosphorus is allowed to decrease after a fermentation time of 40 hours.

<sup>18</sup>~~17~~. A process as claimed in Claim <sup>17</sup>~~16~~, wherein no assimilable phosphorus is added after a fermentation time of 40 hours.

<sup>19</sup>~~18~~. A process as claimed in Claim <sup>17</sup>~~16~~ wherein the concentration of assimilable phosphorus up to a fermentation time of 40 hours is 0.0015% to 0.15% w/v.



*G1*  
*cont'd*  
~~20~~  
~~19~~. A process as claimed in Claim ~~18~~<sup>19</sup>, wherein no assimilable phosphorus is added after a fermentation time of 40 hours.

~~21~~  
~~20~~. A process as claimed in Claim ~~18~~<sup>19</sup> wherein the concentration of assimilable phosphorus is 0.002% to 0.05% w/v.

~~22~~  
~~21~~. A process as claimed in Claim ~~20~~<sup>21</sup>, wherein no assimilable phosphorus is added after a fermentation time of 40 hours.

*200*  
*126*  
~~23~~  
~~22~~. A process as claimed in Claim ~~15~~<sup>16</sup>, wherein the source of assimilable phosphorus is sodium phosphate, potassium phosphate, sodium dihydrogen phosphate, potassium dihydrogen phosphate, disodium hydrogen phosphate, dipotassium hydrogen phosphate, or a mixture thereof.

~~24~~  
~~23~~. A process as claimed in Claim ~~15~~<sup>16</sup>, wherein ammonia is not the sole source of assimilable nitrogen.

~~25~~  
~~24~~. A process as claimed in Claim ~~23~~<sup>24</sup>, wherein the source of assimilable nitrogen does not include ammonia.

~~26~~  
~~25~~. A process as claimed in Claim ~~23~~<sup>24</sup>, wherein the source of assimilable nitrogen includes soy bean flour.

~~27~~  
~~26~~. A process as claimed in Claim ~~24~~<sup>25</sup>, wherein the source of assimilable nitrogen includes soy bean flour.

~~28~~  
~~27~~. A process as claimed in Claim ~~23~~<sup>24</sup>, wherein the source of assimilable nitrogen includes ammonium sulphate.